551T Series
Owner's Guide

Limited Lifetime Consumer Warranty

For a period of one calendar year from the date of purchase of this auto-security device, Directed Electronics, Inc. promises to the ORIGINAL PURCHASER to repair or replace (with a comparable reconditioned model), free of cost, any electronic control module which proves to be defective in workmanship or material under normal use, SO LONG AS THE SYSTEM WAS SOLD, INSTALLED, AND SERVICED BY A PROFESSIONAL AUTO INSTALLER, AND REMAINS IN THE CAR IN WHICH THE SYSTEM WAS ORIGINALLY INSTALLED. If warranty service is necessary you must have a clear copy of your sales receipt containing all of the information shown on the following page.

After the first calendar year, from the date of purchase of this auto-security device, Directed Electronics, Inc., promises to the ORIGINAL PURCHASER to repair or replace (with a comparable reconditioned model) any electronic control module which proves to be defective in workmanship or material under normal use **FOR A CHARGE OF $45.00,** SO LONG AS THE SYSTEM WAS SOLD, INSTALLED, AND SERVICED BY A PROFESSIONAL AUTO INSTALLER, AND REMAINS IN THE CAR IN WHICH THE SYSTEM WAS ORIGINALLY INSTALLED. If warranty service is necessary you must have a clear copy of your sales receipt containing all of the information shown on the following page.

This warranty contains the entire agreement relating to warranty and supersedes all previous and contemporaneous representations or understandings, whether written or oral. IN ANY EVENT, DEI IS NOT LIABLE FOR THE THEFT OF THE VEHICLE AND/OR ITS CONTENTS.

This warranty is void if the product has been damaged by accident, unreasonable use, neglect, improper service or other causes not arising out of defects in materials or construction. This warranty is nontransferable and does not apply to any unit that has been modified or used in a manner contrary to its intended purpose and does not cover batteries. The unit in question must be returned to the manufacturer, postage prepaid. This warranty does not cover labor costs for the removal, diagnosis, troubleshooting or reinstallation of the unit. For service on an out-of-warranty product a flat rate fee by model is charged. Contact your authorized dealer to obtain the service charge for your unit.

These systems are a deterrent against possible theft. Directed Electronics, Inc. is not offering a guarantee or insuring against the theft of the automobile or its contents and disclaims any liability for the theft of the vehicle and/or its contents. Directed Electronics does not authorize any person to create for it any other obligation or liability in connection with this security system.

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TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTABILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OF PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OR ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, TOWING, REPAIR, REPLACEMENT, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE. Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT NOTE:
This product warranty is automatically void if its date code or serial number is defaced, missing, or altered. This warranty will not be valid unless you have completed the warranty card and mailed it to Directed Electronics, Inc. within 10 days after purchase to the address listed on the warranty registration card.

Make sure you have all of the following information from your dealer:

A clear copy of the sales receipt, showing the following:

- Date of purchase
- Your full name and address
- Authorized dealer's company name and address
- Type of system installed
- Year, make, model and color of the automobile
- Automobile license number
- Vehicle identification number
- All security options installed on automobile
- Installation receipts

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What is Included

- The control module
- A push-button programming switch
- Your warranty card
- A shut-down toggle switch

Important Information

Congratulations on the purchase of your remote start system. This system has been designed to provide years of trouble-free operation. By carefully reading this owner's guide prior to using your system, you will maximize the use of this system and its features. Additional or replacement copies of this guide can be printed by accessing the DEI® internet website at www.directed.com.

Your Warranty

Your warranty card must be completely filled out and returned within 10 days of purchase. Your product warranty will not be honored if your warranty card is not returned. Make sure that you receive the warranty card from your dealer.

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Caution

This product is designed for fuel injected, automatic transmission vehicles only. Use of this product in a standard transmission vehicle is dangerous and contrary the product's intended use.

Using Your System

Warning! Safety First

The following safety warnings must be observed at all times:

- Due to the complexity of this system, installation of this product must only be performed by an authorized DEI dealer.
- When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the installed toggle switch. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control transmitters to assure that the system does not unintentionally remote start the vehicle. **THE USER MUST INSTALL A CARBON MONOXIDE DETECTOR IN OR ABOUT THE LIVING AREA ADJACENT TO THE**

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VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED. These precautions are the sole responsibility of the user.

- Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized DEI dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the authorized DEI dealer to fix the problem.
- After the remote start module has been installed, contact your authorized dealer to have him or her test the remote start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when performing the Neutral Safety Shutdown Circuit test, the remote start unit has not been properly installed. The remote start module must be removed or the installer must properly reinstall the remote start system so that the vehicle does not start in gear. All installations must be performed by an authorized DEI dealer. **OPERATION OF THE REMOTE START MODULE IF THE VEHICLE STARTS IN GEAR IS CONTRARY TO ITS INTENDED MODE OF**

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OPERATION. OPERATING THE REMOTE START SYSTEM UNDER THESE CONDITIONS MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED DEI DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. DEI WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

Remote Start

This system allows you to remotely start and run your vehicle for a programmable period of time. This makes it possible to warm up the engine, as well as adjust the interior temperature of the vehicle with the climate control system. If interior heating or cooling is desired, the climate controls must be preset, and the fan blower must be set to the desired level prior to remote starting the vehicle.

This remote start system can be activated by an auxiliary channel of your keyless entry or security system.
Your system is operated using channel_____.

IMPORTANT! (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the key in the ignition.

To remote start the vehicle:

1. Press the auxiliary channel on the transmitter for one second.
2. The parking lights will flash to confirm remote start operation.
3. Once the vehicle has started, it will run for the pre-programmed period of time (12, 24, or 60 minutes) or until a shutdown input is triggered.

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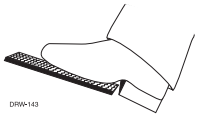
When you are ready to drive the vehicle:

1. Insert the ignition key and turn it to the ON (not the START) position.
2. Press the brake pedal.



NOTE: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

While the vehicle is running during remote start operation, the system will monitor the vehicle and will automatically shut down the engine if the system receives any of the following shut-down inputs:

- The brake pedal is pressed.
- The hood is opened.
- The shutdown toggle switch is put into the OFF position.
- The pre-programmed run time has elapsed.
- The auxiliary channel is pressed again.

To shut down the remote start and turn off the engine:

- Step on the brake pedal, or
- Press your auxiliary channel for one second.

Timer Mode

Timer Mode automatically starts the engine and runs it for a pre-programmed time period, every three hours for a total of six operation cycles. This feature helps to ensure that your engine will start in the morning after a night of extremely cold temperatures.

IMPORTANT! This feature must only be used in open areas, never in an enclosed area such as a garage.

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To enter Timer Mode:

1. Turn the ignition on.
2. Press and hold the auxiliary channel button controlling remote start.
3. Turn the ignition off while holding the auxiliary channel button.

The parking lights will flash four times and the engine will then start to confirm that Timer Mode has been entered.

The engine may be allowed to run for its preset time or can be shut down by pressing the auxiliary channel again. Either way, it will restart every three hours for a total of six cycles. If the unit receives a shutdown input while operating in the timer mode the engine will stop, but will restart, on schedule, again in three hours!

To exit Timer Mode:

Timer Mode can be exited by turning the ignition on with the key any time the engine is not running. The parking lights will flash four times to confirm that Timer Mode has been exited.

Valet® Take-Over

The Valet® Take-Over feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate controls on.

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To perform Valet Take-Over:

1. Before turning off the engine, press and release the auxiliary channel on your transmitter (or press and release the optional Momentary switch).
2. Turn the ignition key to the OFF position. (The engine will stay running.)

3. The engine will run until the pre-programmed time elapses or a shut-down input is received. (See the previous Remote Start section for a complete list of shut-down inputs.)

   NOTE: This feature will not work if the brake pedal is being pressed.

Using Remote Start with Factory Remote Systems

This remote start system is also designed to interface with most original equipment from manufacturer (OEM) factory remote systems. The Remote Start/Valet Take-Over sequence can be programmed to initiate with one to three (1-3) presses of one of the OEM transmitter buttons. Consult with your dealer to determine the transmitter button and the number of presses (1-3) that have been programmed for this sequence. Spaces are provided below for writing in the button and number of button presses.

OEM transmitter button used for Remote Start/Valet Take-Over sequence_____

Number of presses required to initiate Remote Start/Valet Take-Over sequence_____

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Programming Options

Programming options control your system's normal, operational set-up. Most options do not require additional parts, but some may require installation labor.

The following is a list of the programmable options, with the factory settings in **Bold**.

- **12,** 24, or 60 minute run time. Your system can be programmed to allow the vehicle to run for 12, 24, or 60 minutes when remote started.
- Parking lights **flashing** or constant. Your system can be programmed to turn on the parking lights for the entire remote start operation.

Glossary of Terms

Control Unit: The “brain” of your system. Usually hidden underneath the dash area of the vehicle. It houses the microprocessor which monitors your vehicle and controls all the system functions.

Transmitter: A hand-held remote control which operates the various functions of your system.

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QUICK REFERENCE GUIDE:

To remote start the vehicle

1. Press the auxiliary channel on the transmitter for one second.
2. The parking lights will flash to confirm remote start operation.
3. Once the vehicle has started, it will run for the pre-programmed period of time or until a shut-down input is triggered.

To perform Valet Take-Over

1. Before turning off the engine, press and release your auxiliary channel button on the transmitter (or press and release the optional momentary switch).
2. Turn the ignition key to the OFF position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapses or a shut-down input is received.

To enter Timer Mode

1. Turn the ignition on.
2. Press and hold the auxiliary channel button controlling remote start.
3. Turn the ignition off while holding the auxiliary channel button.

Using Remote Start with Factory Remote Systems

- If this remote start system has been interfaced with an original equipment from manufacturer (OEM) factory remote system, the Remote Start/Valet Take-Over sequence can be programmed to initiate with one to three (1-3) presses of one of the OEM transmitter buttons.

OEM transmitter button used for Remote Start/Valet Take-Over sequence_____

Number of OEM transmitter button presses required to initiate Remote Start/Valet Take-Over sequence_____

Cut along dotted line and fold for a quick and easy reference to keep in your purse or wallet.

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The company behind this system is Directed Electronics, Inc.

Since its inception, DEI® has had one purpose, to provide consumers with the finest vehicle security and car stereo products and accessories available. The recipient of more than 20 patents in the field of advanced electronic technology, DEI is ISO 9001 registered.

Quality Directed Electronics products are sold and serviced throughout North America and around the world.

Call **(800) 274-0200** for more information about our products and services.

ISO 9001

DEI is an ISO 9001 registered company.

DEI is committed to delivering on time, the best products we know how to provide, and to constantly work with our customers and vendors to improve our products, quality, delivery and customer friendly features.

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